

Product Bulletin



IONOX[®] I3302

Broad Spectrum Electronics Cleaning Solvent



IONOX[®] I3302 is a semi-aqueous solvent blend designed to remove difficult flux and paste residues including lead-free, rosin, no-clean, and tacky flux, as well as other common electronic assembly residues. IONOX[®] I3302 has proven effective in ultrasonic, centrifugal and semi-aqueous spray under immersion cleaning systems. Easy to use, IONOX[®] I3302 is used at full strength then followed by a water rinse for complete removal of all soil and cleaner residues.

Typical Physical and Chemical Properties:

pH 100%	9.6-10.4	VOC, @ 100%	1034.9 g/L
Flash Point, °F/°C	180°F~82°C	Boiling Point, °F/°C	302°F/150°C
VP of VOC Comp.	0.19 mmHg at 20 °C	Water Solubility	Complete

Recommended Process:

- For use in immersion cleaning systems
- Operating concentration 100%
- Optimum temperature <140°F ~ 60°C
- Recommend hot DI water rinse
- Hot air dry

The above conditions are recommendations based on extensive testing done in Kyzen's Application Lab. Your Kyzen Sales Representative can assist you in optimizing your process parameters.

Availability:

IONOX[®] I3302 is available in one (1) gallon, five (5) gallon and 55 gallon containers.



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Compatibility:

IONOX[®] I3302 has proven compatible with all materials commonly used in electronic assembly manufacturing and cleaning processes. For specific compatibility information, please contact your Kyzen representative.

Environmental, Health and Safety:

IONOX[®] I3302 is a biodegradable, non-flammable, non-corrosive solvent. It contains no CFC's or HAP's.

Refer to the Material Safety Data Sheet for more information.

Storage and Handling:

All ingredients in this product are TSCA listed. It is a non-flammable, non-corrosive liquid and can ship via ground, ocean or air.

Packaged in polyethylene containers, IONOX[®] I3302, with the seal unbroken, has a suggested shelf-life of five (5) years from date of manufacture in containers of five (5) gallons or more.

The Kyzen Applications Laboratory has evaluated nearly 300 soldering materials from the worlds leading suppliers including, Senju, Alpha, Kester, Indium, Aim, Koki, Nihon Superior, Amtech, Cobar, EFD, Florida Certek, Formosa, Heraeus, Interflux, Metallic Resource, Multicore, Promosol, Qualitek, Shenmao.



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